

IN THE CLAIMS:

Please replace claims 1-17 with the corresponding amended claims.

- C10 S12 D11*
1. (Twice Amended) A method for producing an insulated stator winding for a rotating electrical machine, comprising the steps of:
 - applying at least one electrically insulating shrink-on sleeve with a rectangular cross-section to a periphery of at least one electrically conductive conductor bar with a rectangular cross-section; and
 - shrinking the shrink-on sleeve onto the conductor bar.
 2. (Twice Amended) The method as claimed in Claim 1, further comprising the steps of:
 - mechanically dilating the shrink-on sleeve in its cold state; and
 - applying the shrink-on sleeve around the outer periphery of a support sleeve before the support sleeve is pulled over the conductor bar.
 3. (Twice Amended) The method as claimed in Claim 2, further comprising the step of:
 - removing the support sleeve from between the shrink-on sleeve and the conductor bar after the support sleeve surrounded by the shrink-on sleeve has been applied to the conductor bar.

CLOSURE
DJ
4
the step of:

(Twice Amended) The method as claimed in Claim 2, further comprising melting the support sleeve after applying the support sleeve surrounded by the shrink-on sleeve onto the conductor bar by introducing heat, wherein the support sleeve is a meltable polymer.

5. (Twice Amended) The method as claimed in Claim 1, wherein the shrink-on sleeve is a hot-shrinking material and the step of shrinking is shrinking under the effect of heat.

6. (Twice Amended) The method as claimed in Claim 1, further comprising the steps of:

dilating the shrink-on sleeve with compressed air; and
pulling the shrink-on sleeve in a cold state over the conductor bar.

7. (Twice Amended) The method as claimed in Claim 1, wherein the shrink-on sleeve is constructed of a plurality of radially superimposed layers, each layer having a different property.

8. (Twice Amended) The method as claimed in Claim 7, wherein the shrink-on sleeve is produced by co-extrusion, blow molding, or injection molding.

C 10 D7 | 9. (Twice Amended) The method as claimed in Claim 1, wherein the step of applying is applying a plurality of shrink-on sleeves and/or sleeves with different properties around the periphery of the conductor bar.

10. (Twice Amended) The method as claimed in Claim 1, wherein the shrink-on sleeve is provided at a contact surface with the conductor bar with a thermally stable adhesive.

11. (Amended) The method as claimed in Claim 1, wherein the shrink-on sleeve is constructed of an extruded elastomer.

12. (Twice Amended) The method as claimed in Claim 1, wherein the conductor bar surrounded by the shrink-on sleeve is bent with a bending device into a shape suitable for the stator.

13. (Twice Amended) The method as claimed in Claim 1, wherein a conductor bar consists of a plurality of individual conductors.

14. (Twice Amended) The method as claimed in Claim 13, wherein at least some of the individual conductors are temporarily connected with each other.

- C 10 SW
D 37
15. (Twice Amended) The method as claimed in Claim 13, wherein the plurality of conductor bars are not Roebel-transposed in the area of an involute.
16. (Twice Amended) A shrink-on sleeve for encasing a conductor bar, wherein the shrink-on sleeve has a rectangular internal cross-section.
17. (Twice Amended) The shrink-on sleeve as claimed in Claim 16, wherein the shrink-on sleeve is placed around a support sleeve.

Please add new claims 18-22 as follows:

- C 10 SW
D 37
18. (New) The method as claimed in claim 1, wherein the rotating electrical machine is a direct current machine or an alternating current machine.
19. (New) The method as claimed in claim 3, wherein the support sleeve is removed by a helical opening of the support sleeve.
20. (New) The method as claimed in claim 4, wherein the melttable polymer is a conductive polymer.
21. (New) The method as claimed in claim 13, wherein at least one of the individual conductors has a rectangular cross-section.